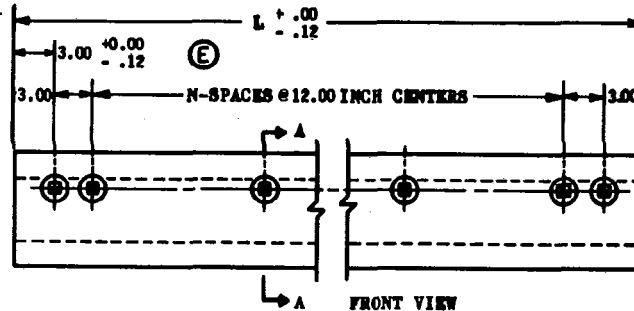
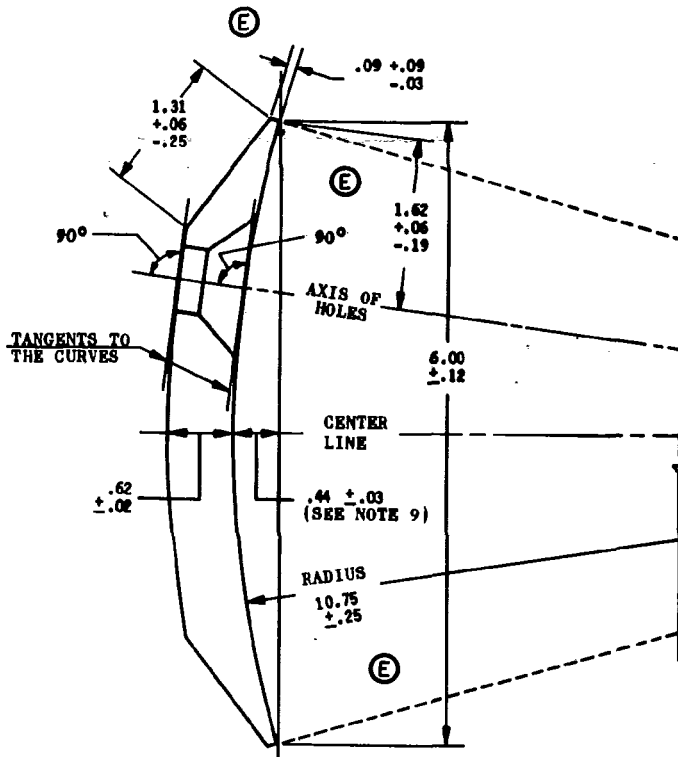


Review activities: Army -  
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Air Force -  
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User activities: Army -  
Navy -  
Air Force -



FRONT VIEW  
FIGURE 2



SECTION A-A  
FIGURE 1

MS PART NUMBER	L LENGTH (FEET)	NUMBER OF BOLT HOLES	N SPACES
MS-35465-1	5	7	4
MS-35465-2	6	8	5
MS-35465-3	7	9	6

(E) FOR CHANGES SEE SHEET 1 AND 2

P.A. ARMY HE Other Cust AF 99	INTERNATIONAL INTEREST	TITLE  CUTTING EDGE, MOLDBOARD, GRADER	MILITARY STANDARD  MS 35465
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1 SEP 57

(Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

AMSC N/A

3805 - 0121

APPROVED 11 MARCH 1955 REVISED (D) 1 December 1966 (E) 26 AUGUST 1988

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## REQUIREMENTS:

1. BOLT HOLES SHALL BE FOR A 0.625 INCH DIAMETER BOLT WITH A NUMBER 3 PLOW BOLT HEAD IN ACCORDANCE WITH CROSS SECTION DRAWINGS 2 OR 3 OF SAE STANDARD J740 FOR COUNTERSUNK SQUARE HOLES FOR CUTTING EDGES AND END BITS.
2. AXIS OF THE BOLT HOLES SHALL BE PERPENDICULAR TO THE TANGENTS AT THE CURVES OF THE FORMED MATERIAL AT THE HOLE LOCATION AS SHOWN ON SECTION A-A FIGURE 1.
- (E) 3. SEE FIGURE 2. FOR MEASUREMENT PURPOSES TOP OF CUTTING EDGE IS DEFINED AS A STRAIGHT LINE PASSING THROUGH EACH TOP CORNER. TOP OF CUTTING EDGE SHALL BE FLAT AND STRAIGHT WITHIN .25-INCH DEVIATION FROM THIS STRAIGHT LINE. THE CENTER OF ONE END HOLE LOCATED WITHIN 1.62 (+.06, -.19, TOLERANCE) OF THE STRAIGHT LINE SHALL BE USED AS A DATUM-POINT FOR LOCATING THE BOLT HOLES. BOLT HOLES MAY VARY FROM BASIC LOCATING DIMENSIONS AND DATUM POINT WITHIN .06 DIAMETER TRUE POSITION CIRCLE AND SHALL BE PARALLEL TO THE STRAIGHT LINE WITHIN THESE LIMITS.
4. CUTTING EDGES SHALL HAVE SQUARE ENDS (NO ANGLE CUT OR BEVEL ENDS).
5. TYPE OF STEEL, CHEMICAL ANALYSIS, AND GRAIN SIZE SHALL CONFORM TO A-A-52008.
6. HARDNESS OF CUTTING EDGES SHALL CONFORM TO A-A-52008.
7. THE CUTTING EDGES SHALL BE FREE FROM FLAWS AND INJURIOUS DEFECTS AND SHALL HAVE A WORKMANLIKE FINISH.
8. UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN INCHES.
9. THIS DIMENSION FOR INSPECTION ONLY. DO NOT USE FOR FABRICATION.
- (E) 10. REFERENCED GOVERNMENT DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DDHSS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
- (E) 11. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER ACQUISITION DOCUMENTS REFERENCED HEREIN.
- (E) 12. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.

APPROVED 11 MARCH 1955 REVISED (D) FOR CHANGES SEE SHEET 2 (E) FOR CHANGES SEE SHEET 2

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